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# PUBLIC NOTICE

**File Number: NRS 15.070**

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Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**APPLICANT:** Tennessee Department of Transportation  
Environmental Permits Section  
Suite 900, James K. Polk Bldg.  
505 Deaderick St.  
Nashville, TN 37243  
615-253-2466

**LOCATION:** Unnamed tributaries to South Fork of the North Fork Forked Deer River, SR197 two bridges, Madison County (Lat: 35.5714/ Lon: -88.6422)

**PROJECT DESCRIPTION:** The applicant proposes to replace the existing deficient bridges over tributaries to North Fork of the South Fork Forked Deer River and relocate 275' of an unnamed tributary into a riprap lined channel 305' in length.

Impact 1: Latitude: 35.5714 Longitude: -88.6422  
Unnamed tributary to North Fork of the south Fork Forked Deer River Station 55+10 - 55+85

The applicant proposes to replace two existing deficient wood piling bridges with single span concrete girder bridges covering a total of 35' of each of two streams and the relocation of 275' of an unnamed tributary into a riprap lined channel 305' in length including 227' of class B riprap along the relocation and 78' of class B along the bridge abutments.

Debits:  $229 (305_{\text{riprap lined channel}} \times 0.75 = 228.75)$

**Mitigation Required:** As mitigation for 305 feet of riprap lined channel the applicant proposes purchase of 229 credits ( $305_{\text{riprap lined channel}} \times 0.75 = 228.75$ ) from the Tennessee Stream Mitigation Program in the Madison County service area.

**DEGRADATION:** In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

**WATERSHED / WATERBODY DESCRIPTION:** Miscellaneous tributary to the North Fork of the South Fork Forked Deer River is part of the North Fork Forked Deer River Watershed. This watershed encompasses is located in West Tennessee and includes parts of Carroll, Crockett, Dyer, Gibson, Henderson and Madison counties. It is approximately 962 square miles, includes the Middle Fork Forked Deer River, and drains to the Forked Deer River. For more information on this watershed please visit <http://www.state.tn.us/environment/water/watersheds/lower-tennessee-river.shtml>

Misc. Tributary to South fork of North Fork Forked Deer (TN08010205028\_0999) is in the Northern Hilly Gulf Coastal Plain Ecoregion (65E). The channel dimensions are as follows: channel bottom width (4-6'), channel top width (15'), water depth (0.5-1.0'), and bank height (8-10'). Typical substrate in this section is comprised of sand, soil, silt and has a thin canopy of sycamore persimmon and grasses. Land use is rural agricultural.

Misc. Tributary to South fork of North Fork Forked Deer (TN08010205028\_0999) was assessed in 2014 (AJF). It is supporting its designated uses. The stream is available for additional impacts to habitat.

**Stream Name / ID #:** Misc. Tributary to South fork of North Fork Forked Deer (TN08010205028\_0999)

**Ecoregion:** Northern Hilly Gulf Coastal Plain Ecoregion (65E)

**Stream Dimension:** Channel bottom width 4-6'  
Chanel top width 15'  
Water depth 0.5-1.0'  
Bank height 8-10'

**Substrate:** sand/soil/silt

**Designated Use** **Use Support**

|                               |              |   |
|-------------------------------|--------------|---|
| Fish and aquatic life         | not assessed | Stream assessed by Jackson EFO 10/14 for anti-degradation purposes and was determined avaialble |
| Recreation                    | not assessed |   |
| Industrial water supply       | not assessed |   |
| Irrigation                    | not assessed |   |
| Livestock watering & wildlife | not assessed |   |

This stream is available for additional impacts to habitat.

**Assessment Date:** 2014

**PERMIT COORDINATOR:** Brian Canada

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243

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## STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING

### MADISON COUNTY

S.R. 197  
BRIDGES OVER BRANCH @ L.M. 8.56 & 8.66

R.O.W.  
STATE HIGHWAY NO. 197 F.A.R.S. NO. N.A.



57034-2205-94  
PROJECT BR-197(10) (R.O.W.)  
STA. 50+XX TO STA. 65+XX



#### SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.  
THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 2006 AND ADDITIONAL SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT

TOTD ROAD SP. 514, 2 JULIUS, L. BUSSELL, REG. 4  
DESIGNER ANDREW BLOP, REG. 4  
P.E. NO. 31045-1005-34  
PIN 118897408

R.O.W XX.XX MILES

SCALE: 0 1 2 3 MILES

| TENN.              | YEAR           | SHEET NO. |
|--------------------|----------------|-----------|
| 2012               | 2012           | 1         |
| REV. AND PROJ. NO. | BR-197-1971101 |           |
| STATE PROJ. NO.    | 57034-2205-94  |           |



## HYDRAULIC GRADE APPROVAL

NO EXCLUSIONS  
NO EQUATIONS

S.R. 197 IS TO BE  
STAGE CONSTRUCTED

ORIGINAL SURVEY  
05/22/12

APPROVED: CHIEF ENGINEER

DATE:

APPROVED: JOHN SCHIRREN, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: \_\_\_\_\_  
DIVISION ADMINISTRATOR DATE: \_\_\_\_\_

| TRAFFIC DATA |        |
|--------------|--------|
| ADT (2014)   | 1440   |
| ADT (2016)   | 1400   |
| DW (2016)    | 3      |
| T (ADT)      | 65-35  |
| T (DW)       | 45     |
| V            | 60 MPH |



